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From: Slobodyansky, Elizabeth
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Elizabeth Slobodyansky, PhD

Primary Examiner

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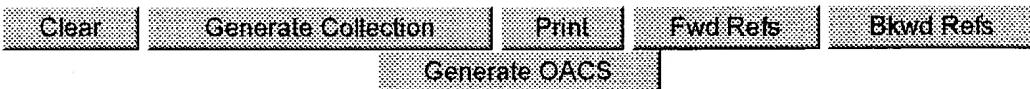
WEST Search History

DATE: Friday, May 21, 2004

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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L7	l4 not L6	6
<input type="checkbox"/>	L6	L4 with (393 or 534 or 370 or 511)	4
<input type="checkbox"/>	L4	L1 or l2	10
<input type="checkbox"/>	L3	L2 AND L1	3
<input type="checkbox"/>	L2	FSAP WITH MARBURG	3
<input type="checkbox"/>	L1	FSAP WITH (MUTA\$ OR VARIANT)	10

END OF SEARCH HISTORY

Hit List



Search Results - Record(s) 1 through 4 of 4 returned.

1. Document ID: US 20040009543 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 4

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040009543
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040009543 A1

TITLE: Marburg I mutant of factor VII activating protease (FSAP) as risk factor for arterial thrombosis

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kiechl, Stefan	Zirl		AT	
Willeit, Johann	Innsbruck		AT	
Wiedermann, Christian Josef	Innsbruck		AT	
Roemisch, Juergen	Voesendorf		AT	
Weimer, Thomas	Gladenbach		DE	
Feussner, Annette	Marburg		DE	
Stoehr, Hans-Arnold	Wetter		DE	
Doersam, Volker	Marburg		DE	
Lang, Wiegand	Colbe		DE	
Becker, Margret	Marburg		DE	
Nerlich, Claudia	Marburg		DE	
Muth-Naumann, Gudrun	Wetter		DE	
Knoblauch, Bernd	Lich		DE	

US-CL-CURRENT: 435/23; 435/226, 435/320.1, 435/325, 435/6, 435/69.1, 536/23.2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn](#) | [De](#)

2. Document ID: US 20030215447 A1

L6: Entry 2 of 4

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215447
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030215447 A1

h e b b g e e e f e e e f b e

TITLE: Inhibitory monoclonal antibody against blood clotting factor VII-activating protease

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roemisch, Juergen	Vosendorf		DE	
Lang, Wiegand	Coelbe		DE	
Feussner, Annette	Marburg		DE	
Muth-Naumann, Gudrun	Wetter		DE	
Stoehr, Hans-Arnold	Wetter		DE	
Kannemaier, Christian	Giessen		DE	
Preissner, Klaus	Giessen		DE	
Nakazawa, Fumie	Tokyo		JP	

US-CL-CURRENT: 424/145.1; 435/337, 514/12, 530/388.25

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn De](#)

3. Document ID: US 20020142316 A1

L6: Entry 3 of 4

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020142316

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020142316 A1

TITLE: Mutants of the factor VII-activating protease and detection methods using specific antibodies

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roemisch, Juergen	Marburg		DE	
Stoehr, Hans-Arnold	Wetter		DE	
Feussner, Annette	Marburg		DE	
Lang, Wiegand	Colbe		DE	
Weimer, Thomas	Gladenbach		DE	
Becker, Margret	Marburg		DE	
Nerlich, Claudia	Marburg		DE	
Muth-Naumann, Gudrun	Wetter		DE	

US-CL-CURRENT: 435/6

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4. Document ID: JP 2003304873 A

L6: Entry 4 of 4

File: JPAB

Oct 28, 2003

PUB-NO: JP02003304873A

DOCUMENT-IDENTIFIER: JP 2003304873 A

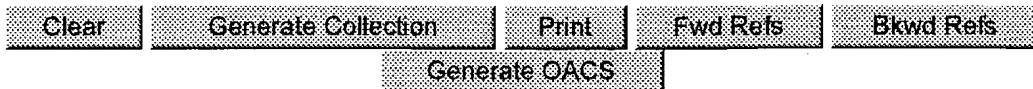
TITLE: MARBURG I MUTANT OF FACTOR VII ACTIVATING PROTEASE (FSAP) AS RISK FACTOR FOR ARTERIAL THROMBOSIS

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Chemical](#) | [Claims](#) | [KOMC](#) | [Draw. D](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACs](#)

Terms	Documents
L4 with (393 or 534 or 370 or 511)	4

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Search Results - Record(s) 1 through 6 of 6 returned.

1. Document ID: US 20030077271 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 6

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077271
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030077271 A1

TITLE: Use of coagulation factor VII-activating protease for the prophylaxis and therapy of vasoproliferative disorders

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kannemeier, Christian	Giessen		DE	
Roemisch, Juergen	Voesendorf		AT	
Preissner, Klaus T.	Giessen		DE	
Kanse, Sandip	Linden-Leihgestern		DE	

US-CL-CURRENT: 424/94.64; 435/226



2. Document ID: JP 2002291486 A

L7: Entry 2 of 6

File: JPAB

Oct 8, 2002

PUB-NO: JP02002291486A

DOCUMENT-IDENTIFIER: JP 2002291486 A

TITLE: VARIANT OF FACTOR VII-ACTIVATING PROTEASE AND DETECTION METHOD USING SPECIFIC ANTIBODY



3. Document ID: EP 1348761 A1

L7: Entry 3 of 6

File: EPAB

Oct 1, 2003

PUB-NO: EP001348761A1

h e b b g e e e f

e e e ef b e

DOCUMENT-IDENTIFIER: EP 1348761 A1

TITLE: Marburg I mutant of factor VII activating protease (FSAP) as a risk factor for arterial thrombosis

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Chemical](#) | [Claims](#) | [KOMC](#) | [Drawn Ds](#)

□ 4. Document ID: DE 10118706 A1

L7: Entry 4 of 6

File: EPAB

Oct 17, 2002

PUB-NO: DE010118706A1

DOCUMENT-IDENTIFIER: DE 10118706 A1

TITLE: New nucleic acid encoding mutant factor 7 activating protease, useful for diagnosis, treatment and prevention of coagulation disorders, also related protein and antibodies

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Chemical](#) | [Claims](#) | [KOMC](#) | [Drawn Ds](#)

□ 5. Document ID: AU 2003201328 A1, EP 1348761 A1, CA 2422583 A1, JP 2003304873 A, DE 10238429 A1, US 20040009543 A1, KR 2003076342 A

L7: Entry 5 of 6

File: DWPI

Oct 9, 2003

DERWENT-ACC-NO: 2003-769845

DERWENT-WEEK: 200427

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TITLE: New risk factors, useful for diagnosing genetic predisposition to atherosclerosis, comprise e.g. a specific mutation in blood coagulation factor VII-activating protein

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Chemical](#) | [Claims](#) | [KOMC](#) | [Drawn Ds](#)

□ 6. Document ID: EP 1182258 A1, AU 200155930 A, CA 2353314 A1, DE 10036641 A1, DE 10052319 A1, KR 2002010512 A, US 20020142316 A1, DE 10118706 A1, JP 2002291486 A, US 20040009543 A1

L7: Entry 6 of 6

File: DWPI

Feb 27, 2002

DERWENT-ACC-NO: 2002-270939

DERWENT-WEEK: 200406

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TITLE: New nucleic acid encoding mutant factor 7 activating protease, useful for diagnosis, treatment and prevention of coagulation disorders, also related protein and antibodies

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Chemical](#) | [Claims](#) | [KOMC](#) | [Drawn Ds](#)

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| NEWS | 4 JAN 27 | A new search aid, the Company Name Thesaurus, available in CA/CAplus |
| NEWS | 5 FEB 05 | German (DE) application and patent publication number format changes |
| NEWS | 6 MAR 03 | MEDLINE and LMEDLINE reloaded |
| NEWS | 7 MAR 03 | MEDLINE file segment of TOXCENTER reloaded |
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| NEWS | 20 May 17 | FRFULL now available on STN |
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=> s fsap (5a) (muta? or variant)

10 FILES SEARCHED...

L1 12 FSAP (5A) (MUTA? OR VARIANT)

=> s fsap (5a) marburg

L2 15 FSAP (5A) MARBURG

=> s l1 and l2

L3 8 L1 AND L2

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 2 DUP REM L3 (6 DUPLICATES REMOVED)

=> d 1,2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:41008 HCAPLUS

DN 140:107492

TI Marburg I ***mutant*** of factor VII activating protease (***FSAP***
as diagnostic risk factor for arterial thrombosis

IN Kiechl, Stefan; Willeit, Johann; Wiedermann, Christian Josef; Roemisch,
Juergen; Weimer, Thomas; Feussner, Annette; Stoehr, Hans-Arnold; Doersam,
Volker; Lang, Wiegand; Becker, Margret; Nerlich, Claudia; Muth-Naumann,
Gudrun; Knoblauch, Bernd

PA Austria

SO U.S. Pat. Appl. Publ., 25 pp., Cont.-in-part of U.S. Ser. No. 912,559.
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|------|----------|------------------|----------|
| PI | US 2004009543 | A1 | 20040115 | US 2003-391215 | 20030319 |
| | DE 10036641 | A1 | 20020214 | DE 2000-10036641 | 20000726 |
| | DE 10052319 | A1 | 20020411 | DE 2000-10052319 | 20001021 |
| | DE 10118706 | A1 | 20021017 | DE 2001-10118706 | 20010412 |
| | US 2002142316 | A1 | 20021003 | US 2001-912559 | 20010726 |
| | DE 10238429 | A1 | 20031030 | DE 2002-10238429 | 20020816 |

| | | | |
|------|------------------|----|----------|
| PRAI | DE 2000-10036641 | A | 20000726 |
| | DE 2000-10050040 | A | 20001010 |
| | DE 2000-10052319 | A | 20001021 |
| | DE 2001-10118706 | A | 20010412 |
| | US 2001-912559 | A2 | 20010726 |
| | DE 2002-10212246 | A | 20020319 |
| | DE 2002-10238429 | A | 20020816 |

L4 ANSWER 2 OF 2 MEDLINE on STN
AN 2002389182 MEDLINE
DN PubMed ID: 12138371
TI The frequent Marburg I polymorphism impairs the pro-urokinase activating potency of the factor VII activating protease (FSAP).
AU Roemisch J; Feussner A; Nerlich C; Stoehr H-A; Weimer T
CS Aventis Behring GmbH, Preclinical Research & Development, Marburg, Germany.. Juergen.Roemisch@aventis.com
SO Blood coagulation & fibrinolysis : an international journal in haemostasis and thrombosis, (2002 Jul) 13 (5) 433-41.
Journal code: 9102551. ISSN: 0957-5235.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200301
ED Entered STN: 20020725
Last Updated on STN: 20030202
Entered Medline: 20030131

=> s 11 not 13
L5 4 L1 NOT L3

=> dup rem 15
PROCESSING COMPLETED FOR L5
L6 2 DUP REM L5 (2 DUPLICATES REMOVED)

=> d 1,2

L6 ANSWER 1 OF 2 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2003-27252 BIOTECHDS
TI New risk factors, useful for diagnosing genetic predisposition to atherosclerosis, comprise e.g. a specific mutation in blood coagulation factor VII-activating protein;
Factor-VII-activating protein gene mutation analysis for disease risk diagnosis
AU KIECHL S; WILLEIT J; WIEDERMANN C J; ROEMISCH J; WEIMER T; FEUSSNER A;
STOEHRE H; DOERSAM V
PA AVENTIS BEHRING GMBH
PI EP 1348761 1 Oct 2003
AI EP 2003-5228 10 Mar 2003
PRAI DE 2002-1038429 16 Aug 2002; DE 2002-1012246 19 Mar 2002
DT Patent
LA German
OS WPI: 2003-769845 [73]

L6 ANSWER 2 OF 2 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2002-14089 BIOTECHDS
TI New nucleic acid encoding mutant factor 7 activating protease, useful for diagnosis, treatment and prevention of coagulation disorders, also related protein and antibodies;
vector-mediated gene transfer, expression in host cell and monoclonal antibody preparation by hybridoma cell culture for recombinant protein production and disease therapy
AU ROEMISCH J; STOEHRE H; FEUSSNER A; LANG W; WEIMER T; BECKER M; NERLICH C;
MUTH-NAUMANN G
PA AVENTIS BEHRING GMBH
PI EP 1182258 27 Feb 2002
AI EP 2000-115691 26 Jul 2000
PRAI DE 2001-1018706 12 Apr 2001
DT Patent
LA German
OS WPI: 2002-270939 [32]

=> s 12 not 13
L7 7 L2 NOT L3

=> dup rem 17
PROCESSING COMPLETED FOR L7
L8 3 DUP REM L7 (4 DUPLICATES REMOVED)

=> d 1-3

L8 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:771411 HCAPLUS
 DN 139:290596
 TI The Marburg I polymorphism of the factor VII-activating proteinase gene as a risk predictor of arterial thrombosis
 IN Kiechl, Stefan; Willeit, Johann; Wiedermann, Christian Josef; Roemisch, Juergen; Weimer, Thomas; Feussner, Annette; Stoehr, Hans-Arnold; Doersam, Volker
 PA Aventis Behring G.m.b.H., Germany
 SO Eur. Pat. Appl., 8 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--------|---|--|----------|------------------|----------|
| PI | EP 1348761 | A1 | 20031001 | EP 2003-5228 | 20030310 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| | DE 10238429 | A1 | 20031030 | DE 2002-10238429 | 20020816 |
| | JP 2003304873 | A2 | 20031028 | JP 2003-73573 | 20030318 |
| PRAI | DE 2002-10212246 | A | 20020319 | | |
| | DE 2002-10238429 | A | 20020816 | | |
| RE.CNT | 9 | THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | |

L8 ANSWER 2 OF 3 MEDLINE on STN DUPLICATE 1
 AN 2003068568 MEDLINE
 DN PubMed ID: 12578864
 TI Marburg I polymorphism of factor VII--activating protease: a prominent risk predictor of carotid stenosis.
 CM Comment in: Circulation. 2003 Feb 11;107(5):654-5. PubMed ID: 12578860
 AU Willeit Johann; Kiechl Stefan; Weimer Thomas; Mair Artur; Santer Peter; Wiedermann Christian J; Roemisch Juergen
 CS Department of Neurology, University Clinics, Innsbruck, Austria.. johann.willeit@uibk.ac.at
 SO Circulation, (2003 Feb 11) 107 (5) 667-70.
 Journal code: 0147763. ISSN: 1524-4539.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 200302
 ED Entered STN: 20030212
 Last Updated on STN: 20030227
 Entered Medline: 20030226

L8 ANSWER 3 OF 3 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2003:193442 SCISEARCH
 GA The Genuine Article (R) Number: 648LY
 TI Marburg I polymorphism of factor VII-activating protease - A prominent risk predictor of carotid stenosis
 AU Willeit J (Reprint); Kiechl S; Weimer T; Mair A; Santer P; Wiedermann C J; Roemisch J
 CS Univ Clin, Dept Neurol, Anichstr 35, A-6020 Innsbruck, Austria (Reprint); Univ Clin, Dept Neurol, A-6020 Innsbruck, Austria; Univ Clin, Dept Internal Med, A-6020 Innsbruck, Austria; Bruneck Hosp, Dept Lab Med, Brunico, Italy; Aventis Behring GmbH, Res, Marburg, Germany
 CYA Austria; Italy; Germany
 SO CIRCULATION, (11 FEB 2003) Vol. 107, No. 5, pp. 667-670.
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.
 ISSN: 0009-7322.
 DT Article; Journal
 LA English
 REC Reference Count: 12
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

=> dis his

(FILE 'HOME' ENTERED AT 17:44:53 ON 21 MAY 2004)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS, ESBIODEBASE, BIOTECHNO, WPIDS' ENTERED AT 17:45:01 ON 21 MAY 2004
 L1 12 S FSAP (5A) (MUTA? OR VARIANT)

L2 15 S FSAP (5A) MARBURG
L3 8 S L1 AND L2
L4 2 DUP REM L3 (6 DUPLICATES REMOVED)
L5 4 S L1 NOT L3
L6 2 DUP REM L5 (2 DUPLICATES REMOVED)
L7 7 S L2 NOT L3
L8 3 DUP REM L7 (4 DUPLICATES REMOVED)

$\Rightarrow \log h$

COST IN U.S. DOLLARS

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| SINCE FILE
ENTRY
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SESSION
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